

09/782,732

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,780,617 B2
DATED : August 24, 2004
INVENTOR(S) : Chen

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23,

Line 56, change "positional" to -- positioned --.

Column 24,

Line 10, change "to content" to -- the content --.

Line 36, change "ax" to -- at --.

Column 28,

Line 12, after claim 49, insert the following claims:

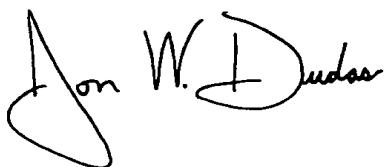
-- 50. The thermal cycler of claim 1, wherein at least one of the first, second, and third energy transfer elements comprises a thermal energy transfer element.

51. The thermal cycler of claim 6, wherein at least one of the first and second energy transfer elements comprises a thermal energy transfer element.

52. The thermal cycler of claim 51, wherein the thermal energy transfer element comprises an electronic heat element. --

Signed and Sealed this

First Day of February, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office